

# AGRICULTURAL INTERESTS

## INCREASING THE EFFICIENCY OF CORN FOR CATTLE FEEDING

It has now been known for some years that corn by itself is not an economical cattle feed. The reason for this is that though one-half of the protein in corn is deficient in some of the essential components needed to produce growth. In order to make corn more efficient, it is therefore necessary to mix the corn with other cattle feeds which contain an abundance of those components which are lacking in corn. Experiments along this line have recently been carried out. It has been shown that when certain concentrates such as coconut press cake, peanut press cake, soy bean press cake, or cottonseed press cake, are added to the corn, more rapid growth results and the mixture of proteins is much more efficient and economical than the proteins of corn alone. It is therefore very important that the cattle feeder should so mix his diet that he can get the greatest amount of growth from the least quantity of protein used, since the protein is the most expensive constituent in his feed.

It has been found that about 40 per cent. of coconut press cake or 25 per cent. of soy bean press cake or peanut press cake, mixed with corn, furnishes a very efficient diet. It is not safe, however, to add so much cottonseed press cake, since cottonseed is frequently toxic and is ordinarily mixed with the press cakes of more than three or four pounds a day. The experiments which have been performed indicate that when corn is properly mixed with the press cakes mentioned above about twice as much growth can be obtained on a pound of protein from the mixture as on corn protein alone.

While exact data has not been obtained, the experiments thus far show that great economy can be achieved by mixture of other protein foods with corn.

## FINDS CROW IS BOTH FRIEND AND NUISANCE TO FARMERS

That the crow's character is not so black as it is usually painted is disclosed by investigations made by the bureau of biological survey of the United States department of agriculture. In fact, the department's "bird" men say that much of the work the crow does is of direct assistance to the farmer, for "Mister Crow" wages warfare all summer long on insect pests. In fact, insects supply about one-fifth of its food, and those which he prefers are the worst insect pests the farmer has to contend with—grasshoppers, caterpillars and white grubs and their parents, May beetles.

On the other hand, the crow raids the cornfield and the poultry yard, and kills small wild birds and destroys their nests. From the evidence at hand, the crow's merits and shortcomings appear about equally divided. While it would not be well to give it absolute protection and thus afford the farmer no recourse when the bird is doing damage, the bureau of biological survey believes that to adopt the policy of killing every crow that comes within gunshot would be equally unwise.

## POINTS IN PREPARING SQUABS FOR SHIPMENT

Squabs are usually killed in the same manner as poultry—but cutting the arteries in the back part of the roof of the mouth and piercing the brain; but if sent to market without plucking they are usually killed by pressing the thumb against the neck, where it joins the head, until it is dislocated. In sticking, the squabs are hung by their legs on nails or hooks, with their wings double-locked. After they are stuck, the feathers, with the exception of those on the head, are immediately plucked clean, using a dull knife for the pinfeathers, and the birds are cooled either by placing them in cold water or by hanging them in a cool place. If the

crop contains any feed, it should be cut up and thoroughly washed. Squabs should be washed, cleaned and graded according to size and quality, as dark colored and small squabs tend to lower the price paid for an entire shipment of mixed squabs, market experts say. They are usually packed for shipment in boxes in a good supply of cracked ice with paraffin paper between the layers of ice and squabs. The box or container should have holes in it for drainage.

## FEEDING VALUE OF WHOLE AND SKIM MILK

In feeding milk to hogs, it should be remembered that whole milk has almost exactly the composition of separated milk except that in every 100 pounds there are three and one-half to four pounds of butterfat, as compared with scarcely any butterfat at all in separated milk. Each pound of butterfat in the whole milk has a feeding value when fed to hogs of perhaps eight to ten cents. In other words, ordinary whole milk has a feeding value for hogs of about 60 per cent. greater than separated milk. Inasmuch as butterfat can be sold at the creameries for about five times as much as it is worth to hogs, no one, except possibly by an occasional pure-bred raiser, feeds whole milk to hogs. Even pure-bred raisers have found that whole milk has no decided advantage over skim milk, which is properly supplemented with corn.

## STORES HENS KEEP LAYING BETTER THAN LAST YEAR

At the close of the fifth week of the contest 445 birds were still laying. This is better by fifteen than the report for the same week last year. The hens in the contest laid 1,673 eggs for the week or a yield of nearly 21 per cent. Of the 215 hens that quit during the fifth week twenty of them have laid 200 eggs or more. To date the Rhode Reds and Leghorns are close on the trail of the Leghorns for 200 egg birds. Not being satisfied with having the leading pen they are trying hard to have the largest number of 200 egg birds. To date the heavy breeds have 45 while the Leghorns have 66 hens that have laid 200 eggs or better. Hollywood Farm's from Hollywood, Wash., has the largest number of 200 egg birds. No tows won first honors for the week but they have relegated to second place E. A. Ballard's Leghorns from Chestnut Hill, Pa. At the rate which the Washington Leghorns are laying it looks as if they would hold first place from now on.

Hollywood Farm's White Leghorns from Hollywood, Wash., were first for the week with a yield of 45 eggs. Oneck Farm's Barred Rocks from West Hampton, N. J., were a close second with 41 eggs. Chickatawbout Farm's White Rocks from Milton, Mass., were third with 40 eggs. A pen of Rhode Island Reds owned by Pinecrest Orchards, Grafton, Mass., were fourth with 29 eggs. A pen of White Leghorns owned by C. Rasmussen from Dover, N. J., was fifth place with a total yield of 27 eggs.

During the pleasant weather the management of the contest have been busy making repairs and giving the plant a thorough cleaning and disinfecting. All the old sand has been taken out and replaced by new for the birds which are to enter the tenth egg laying contest that opens Nov. 1st next.

The three leading pens in each of the principal varieties are as follows:

**Plymouth Rocks**  
 Jules P. Francois, (Barred) West-  
 hampton Beach, L. I. 2186  
 Oneck Farm (Barred) Westham-  
 pton Beach, L. I. 2128  
 Chickatawbout Farms (White) Can-

ton, Mass.	1959
White Wyandottes.	
Harry D. Emmons, Plymouth, Conn.	1843
Merrythought Farm, Columbia, Conn.	1761
Mrs. R. W. Stevens, Schuylerville, Conn.	1729
Rhode Island Reds.	
Pinecrest Orchards, Grafton, Mass.	2094
Deer Brook Poultry Farm, Short Falls, N. H.	1890
Jacob E. James, North Haven, Conn.	1816
White Leghorns.	
Hollywood Farm, Hollywood, Wash.	2045
E. A. Ballard, Chestnut Hill, Pa.	2022
W. Edgar Baker, Jr., Moriches, L. I.	1855
Miscellaneous.	
A. E. Hampton (Black Leghorns) Pittsford, N. J.	1859
A. L. Anderson (R. I. Whites) Windham, N. H.	2222
Oregon Agricultural College (Oregon) Corvallis, Ore.	1738

## WESTMINSTER

Saturday evening, Oct. 9, an old-fashioned hunking bee was held at L. La-chapelle's, Gayhead. The large number of young folks present enjoyed the fun, refreshments and dancing in spite of a dearth of red ears of corn.

Eddie Green has a return of inflammatory rheumatism and is in St. Joseph's hospital, Willimantic.

With four small children for whom to care, three beside her 15 month old son, one of the women of Westminster is sending three regularly to the church school; the oldest is 8, the youngest but 2 years old last August, and probably the youngest pupil in this region.

William Greenman doubtless holds the

record for picking 538 quarts of berries this summer.

The attendance at the Duel union W. C. T. U. Wednesday afternoon with the pastor's wife was good; several being present not usually able to attend the state annual meeting in Hartford Oct. 19-21. Miss Hadley was appointed to prepare a report from press accounts to present later. The evening school for adults born in other lands, lately begun here, was mentioned and reports read and approved.

Will Tennessee's arm is mending as rapidly as possible. He and his parents have moved for the winter to their new home in Baltic, and the young man is to resume his studies in Norwich Academy as soon as able.

A party of neighbors helped Mrs. William E. Davies celebrate her birthday last Thursday evening.

Miss Violet Young was a week and visitor-at her home in New London, returning to Westminster Hill school Monday.

J. Murray Meade was another who celebrated his birthday lately, this date being Oct. 17th.

Supervisor Green was in town twice this past week.

Westminster church building and church are to celebrate their semi-ter-

centenary next month in very informal fashion. It is the fourth oldest Congregational church in Connecticut still in use.

Two local women at least are deterred by illness from qualifying as voters.

Saturday, 9 a. m. to 4 p. m., is to be the annual housecleaning at Westminster church by the women of the parish, while the men improve the grounds and rheds. A dinner will be served the workers at noon. There is work for all.

Mrs. Tom Jones, who has been visiting her husband's people, returned to her home in New London Sunday night, her husband and his brother having also spent the day here with their parents, accompanying her.

Several hitherto prevented from doing so expected to qualify as voters Tuesday at the town clerk's office and be ready to take part in the November elections.

The 21st anniversary of the marriage of Mr. and Mrs. Charles Barstow was quietly celebrated with a few neighbors Saturday evening last.

A potato party at Will Davies' was given by some nearby friends Wednesday of last week, all his potatoes being dug and all but 10 bushels housed. Mrs. Davies' foot is slowly gaining.

Norfolk.—The recent enumeration of persons in Norfolk of school age shows 292 names, 33 less than last year.

## MANSFIELD DEPOT

At the recent meeting of the registrars of voters several women of this village had their names placed on the list.

The republican rally in Willimantic Friday evening was attended by some voters from this village.

Local women voters turned out well for the republican caucus, and seem to be very much interested in their new experience of politics. Of course, they all voted right, and will do the same on Nov. 2d.

Mrs. Frank Morris of Hartford was a recent visitor at W. H. Steadman's and Mrs. Sarah Morrison of Willimantic at Mrs. Mary B. Grant of Providence, it is visiting relatives and friends in this village.

Harold Hansen is on a ten days' trip in the Empire State with a traveling salesman friend.

Mrs. Mary Durkee and her grand-daughter, Mildred Bowers, spent Saturday and Sunday in Willimantic, visiting Mrs. Durkee's son and his family.

Mary residents of this village attended the great fair at Stafford last week.

Edwin Reynolds Memorial school was presented a beautiful star-spangled banner last week.

George Nelson and members A. A. Ste

made an auto trip to Woodstock Sunday last.

The C. E. society held a peanut social in the chapel last Friday.

The aid department is to serve a cold meat and salad supper.

The midweek hour of devotion will be at the home of Mrs. Merritt Smith Thursday evening.

Rev. F. W. Klein is attending the annual meetings of the Connecticut Baptist convention and its affiliated societies in Waterbury.

## HEBRON

Some of the members of Hebron grange visited East Hampton grange Wednesday evening.

Philip Clark, superintendent of the Sunday school, and Miss Edna Latham were appointed delegates to the Sunday school convention held at Stafford Springs Tuesday.

East Hampton grange was invited to visit Hebron grange Tuesday evening.

Rev. E. W. Potter, secretary of the State Temperance union, gave an address in the Hebron Congregational church on Sunday morning and in Gilead church in the afternoon.

Miss Florence Smith was home from New Haven for the week end.

Mrs. H. A. Pratt and Arthur Pratt of

Stratford and Mr. and Mrs. Fred Pratt and little daughter of Bridgeport were guests of Mrs. L. F. Foster and Mrs. Gertrude Hough for the week end.

Hartford.—To this week 10,327 voters have been made in Hartford, four-fifths of whom are women. It is expected that about 15,000 will be made altogether.

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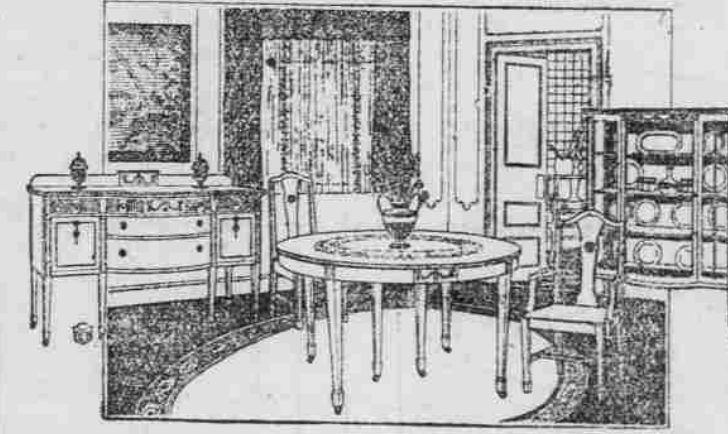
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SEE OUR SPECIALS

SEE OUR SPECIALS

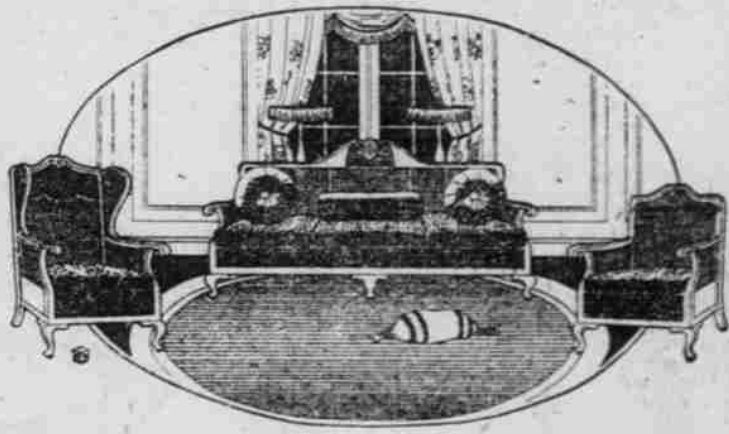
Another week has passed and to our list hundreds more have been added. This means that hundreds, having found their opportunity, have taken advantage of it, and truly, the money-saving opportunities offered by this Drive are amazing. Remember, every Piano, or article of furniture, is reduced 25 per cent. for the purpose of adding 5,000 new customers to our present list, and this offer holds good throughout the month of October. Read carefully the items below, or call personally to see our great exhibit, and you will be sure to find just what you have been looking for.

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